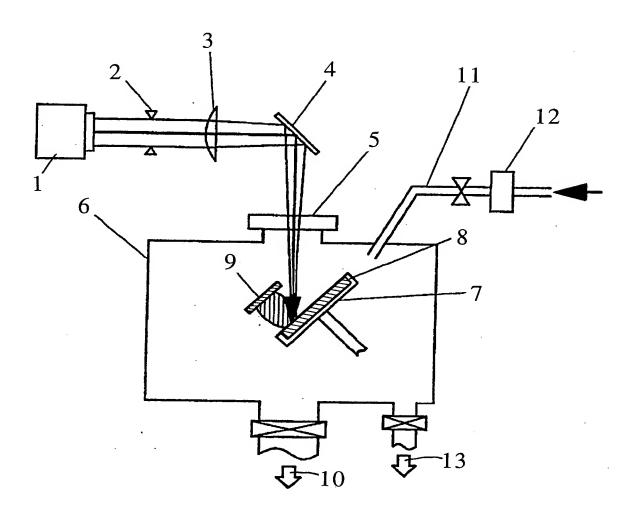
Fig.1
PRIOR ART



 $F \ i \ g \ . \ 2$ Prior art

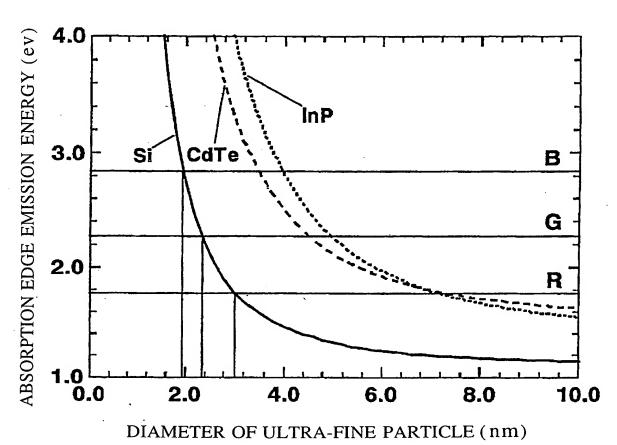
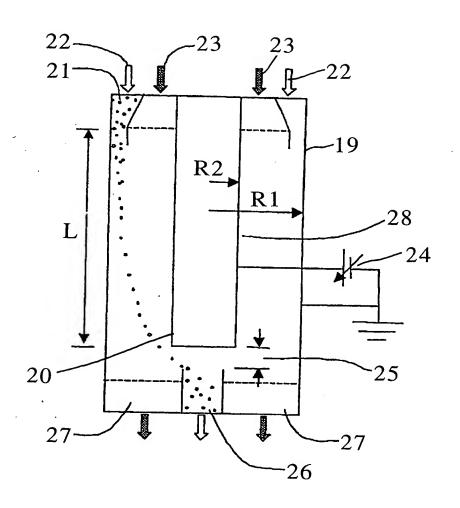
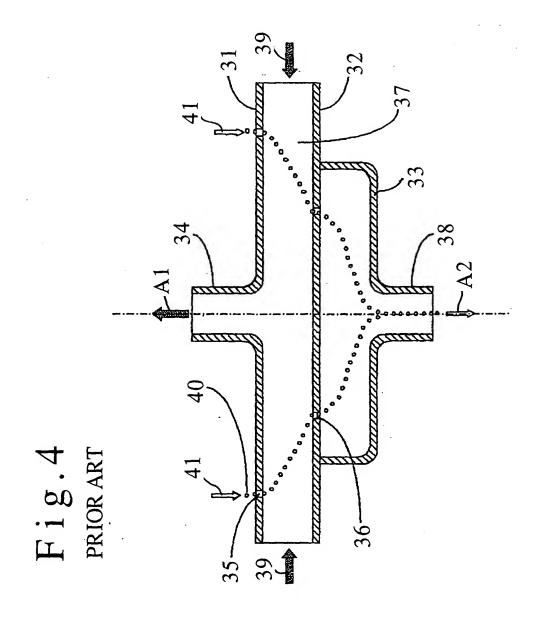


Fig.3





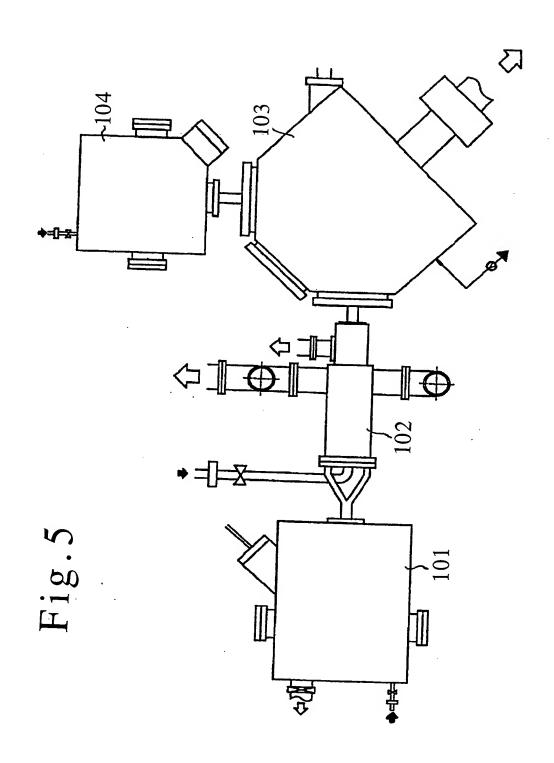


Fig.6

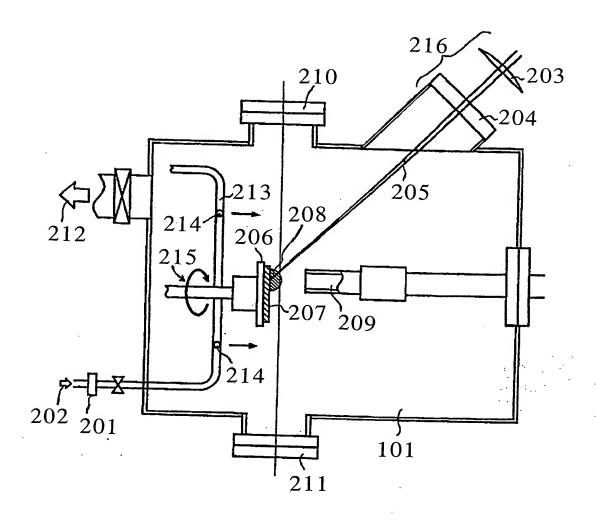


Fig.7

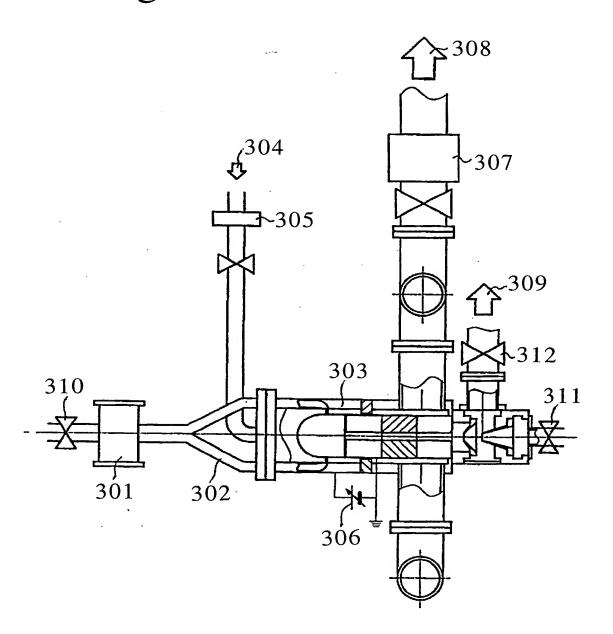


Fig.8

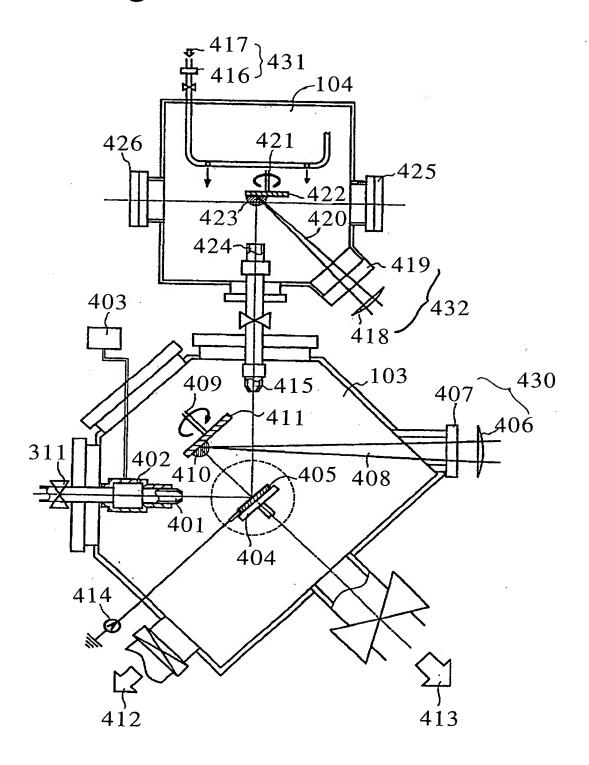


Fig.9

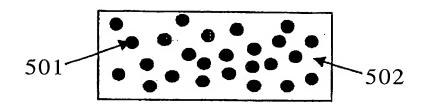


Fig. 10_

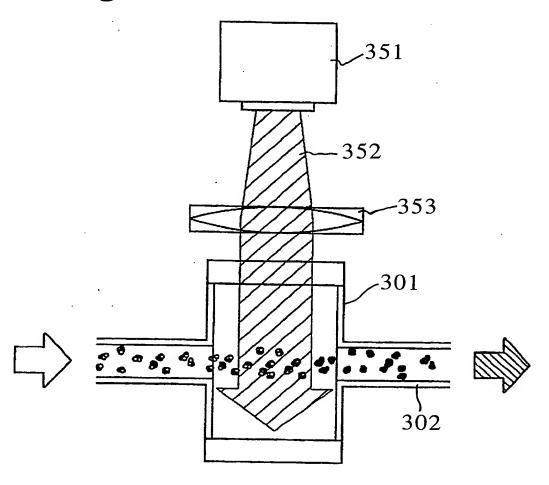
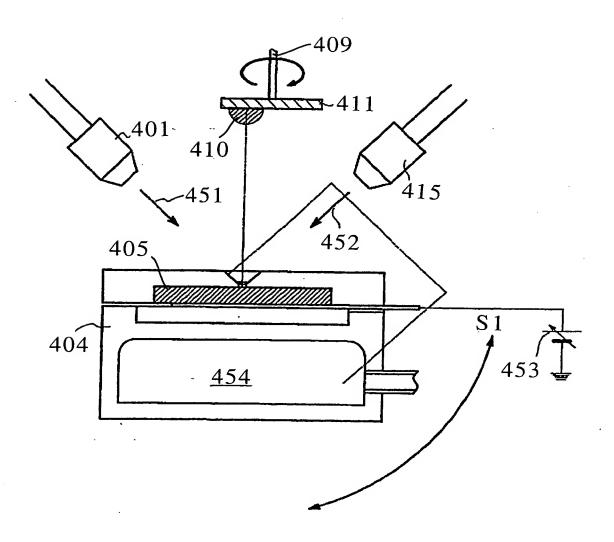
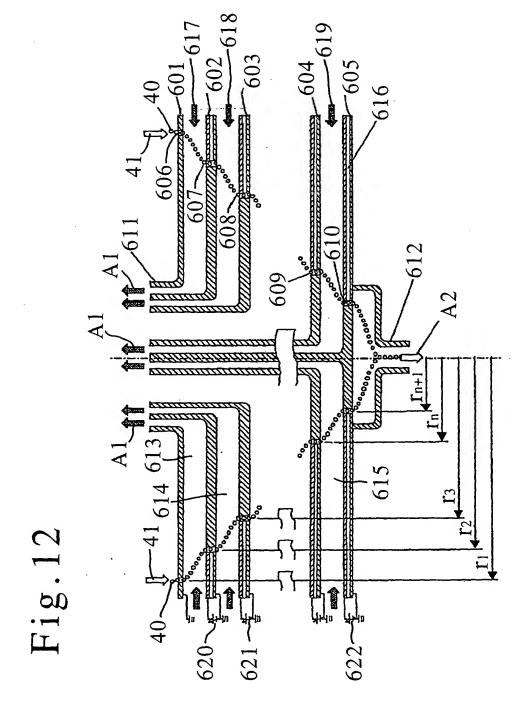


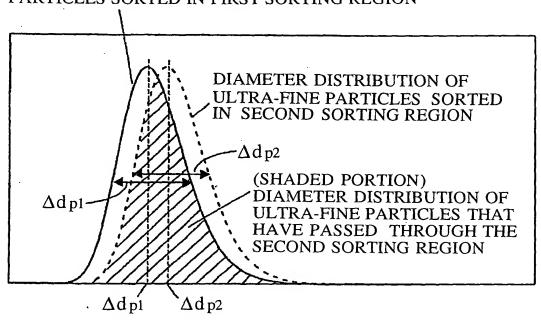
Fig.11





NUMBER OF PARTICLES (Np)

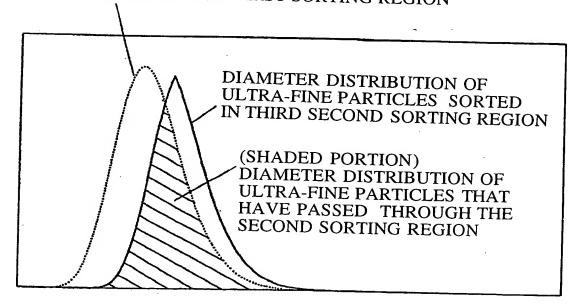
DIAMETER DISTRIBUTION OF ULTRA-FINE PARTICLES SORTED IN FIRST SORTING REGION



PARTICLE DIAMETER (dp)

NUMBER OF PARTICLES (Np)

DIAMETER DISTRIBUTION OF ULTRA-FINE PARTICLES SORTED IN FIRST SORTING REGION



PARTICLE DIAMETER (dp)